

USER MANUAL (Universal Wireless Programmer)

- 1) Power the STM with the uploaded code(named BluetoothFinal in github) of Universal Wireless Programmer (using the power supply of the development board/ microcontroller chip) in the system
- 2) The STM has 3 wires correspondings to RESET(PB4), RX(PA10), TX(PA9) which need to be connected to arduino's or ISP's reset , TX and RX pins
- 3) Connect the PL2303 converter which is linked to HC05 on your laptop
- 4) Open the GUI and load the hex file to be uploaded and connect to the USB-UART module
- 5) Select board, Check signature and see the activity logs for any verbose messages
- 6) Program the device. Observe it on your remote system and then enter the Serial mode to observe any serial data to see the print statements coming from arduino
- 7) Observe any integer data on the Serial plotter